

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Onggosanusi et al.**

Serial No.: **10/026,278**

Filed: **December 18, 2001**

Docket: **TI-32854**

Examiner: **TBD**

Art Unit: **2681**

For: **CLOSED LOOP MULTIPLE TRANSMIT, MULTIPLE RECEIVE ANTENNA
WIRELESS COMMUNICATION SYSTEM**

PRELIMINARY AMENDMENT

June 6, 2002

Honorable Commissioner of
Patents and Trademarks

Washington, D.C. 20231

CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile transmitted to the Patent and Trademark Office on June 6, 2002.

Elizabeth A. Austin

Dear Sir:

Please enter the following amendment prior to examination. A marked up copy of the amendment is attached on a separate paper.

In the Specification:

Rewrite the paragraph at page 18, line 15 as follows.

[0037] Figure 3 illustrates an electrical and functional block diagram of a multi-input multi-output ("MIMO") system 70 according to one preferred embodiment. As Figure 3 represents an electrical and functional block diagram, one skilled in the art may ascertain various technical manners of implementing system 70 using a combination of hardware and software, including the preferred use of a digital signal processor to include at least some of the illustrated blocks. Turning

05/07/2002 SHOIRE 00000003 200668 10026278

01 FC:102 168.00 CH
02 FC:103 278.00 CH

Official

JUN 06 2002 11:30 FR T. LAW DEPT

972 917 4417 TO 85038729314

P.02/12

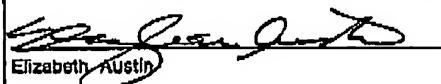
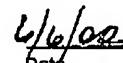
IN THE U.S. PATENT AND TRADEMARK OFFICEIn re the Application of: **Onggosanusi, Et al.**Docket Number: **TI-32854**Serial No.: **10/026,278**Art Unit: **2681**Filed: **12/18/2001**Examiner: **TBD**For: **Closed Loop Multiple Transmit, Multiple Receive Antenna
Communication System**Conf. No.: **8075**

AC
RECEIVED
6/6/02

AMENDMENT TRANSMITTAL FORM

June 6, 2002

Assistant Commissioner For Patents
Washington, D.C. 20231

<u>CERTIFICATION OF FAX TRANSMITTAL</u>	
I hereby certify that the above correspondence is being facsimile transmitted to the Patents and Trademarks Office on June 6, 2002.	
 Elizabeth Austin	 Date

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	74	Minus	59	15	x \$18 =	\$ 270.00
Independent Claims	6	Minus	4	2	x \$84 =	\$ 168.00
TOTAL ADDITIONAL FEE						\$ 438.00

Charge the total additional fee, and any further fees, or credit overpayment to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. An original and two copies of this sheet are enclosed.


Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, TX 75265
(972) 917-4431Robert N. Rountree
Attorney for Applicants
Reg. No. 39,347

To: **Technology Center**
Facsimile Number: (703) 872-9314

From: **Name**
Texas Instruments Incorporated
Facsimile: 972-917-4417
Phone: 972-917-4431

Total Pages Sent: 12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Onggosanusi, Et al.** Docket Number: **TI-32854**

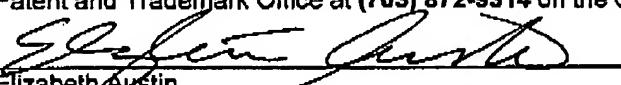
Serial No.: **10/026,278** Art Unit: **2681**

Filed: **12/18/2001** Examiner: **TBD**

For: **Closed Loop Multiple Transmit, Multiple Receive Antenna Communication System** Conf. No.: **8075**

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at (703) 872-9314 on the date shown below:



Elizabeth Austin

6/6/2002
Date

FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input checked="" type="checkbox"/> AMENDMENT - PRELIMINARY (8 Pages)
<input type="checkbox"/> NEW APPLICATION	<input checked="" type="checkbox"/> AMENDMENT TRANSMITTAL (Orig + 2 copies)
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> EOT (# Pages)
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)
<input type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> APPEAL (# Pages)
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> ISSUE FEE (# Pages)
<input type="checkbox"/> CONTINUATION APP'N (# Pages)	<input type="checkbox"/> REPLY BRIEF (IN TRIPPLICATE) (# Pages)
<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): <i>Onggosanusi, et al.</i>	
RECEIPT DATE & SERIAL NO.: 10/026,278	
FILING DATE: 12/18/2001	
TITLE OF INVENTION: <i>Closed Loop Multiple Transmit, Multiple Receive Antenna Wireless Communication System</i>	
TI FILE NO.: TI- 32854	DEPOSIT ACCT. NO.: 20-0668
DATE FAXED: June 6, 2002	
DUE:	
ATTY/SEC'Y: Robert N. Rountree / E. Austin	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265